

**ABSTRACT**

- The structural wooden joist described comprises a lower chord, an upper  
5 chord spaced from the lower chord and a laminated panel structure joining  
the chords. This panel structure defines an uninterrupted surface from one  
end of the joist to an opposite end thereof and has opposite upper and lower  
edges joined to the lower and upper chords respectively. The laminated  
panel structure is formed of a series of elongated planks adhesively secured  
10 edgewise to one another and extending vertically between the lower and  
upper chords.

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